

Abstract of the Disclosure

5 Methods, functional data, and systems are provided for image feature
translation. An image is decomposed into sub images, each sub image having its
features identified by feature attributes. The feature attributes are used to identify a
particular feature within each sub image. The orientation of the particular feature
within the sub image is then mapped or calculated to a value. One or more of the
10 mapped or calculated values are translated into a reading associated with an
instrument. The reading is then optionally recorded or transmitted.